FIG. 1

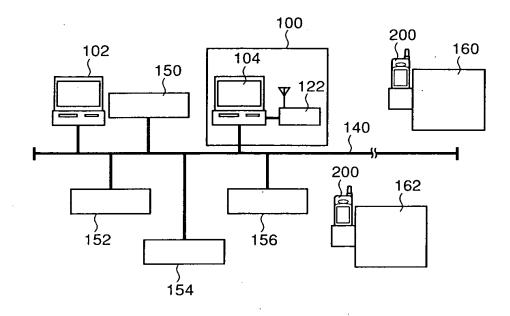


FIG. 2

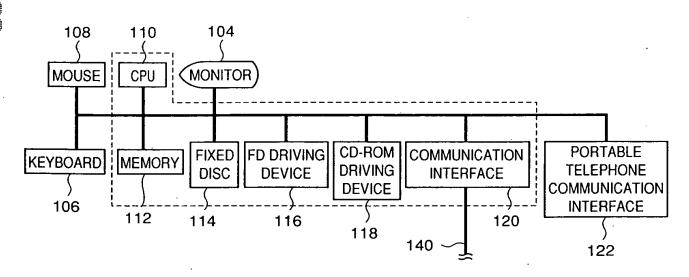


FIG. 3

| | 1 | <u> </u> | T | | T | |
|--------------------------|---|--|---|---|---|-----------------------|
| CHANGE DATA | | AMOUNT OF CUT IN PROCESS K OF LOT NUMBER 0004140002 IS INCREASED BY 0.05 mm. | PROGRAM CHANGE FOR PROCESS D FOR LOT NUMBER 0004140003 PROGRAM NIMBER - W2933 → W1540 | | | |
| : | | | | | | |
| FIFTH PROCESS | | | | NORMAL COMPLETION OF PROCESS E NO ABNORMALITY AT INSPECTION | | |
| FOURTH PROCESS | | NORMAL COMPLETION OF PROCESS D 00/04/15/14:45:00 | | NORMAL COMPLETION OF PROCESS L 00/04/15/16:10:00 | | |
| THIRD PROCESS | NORMAL COMPLETION OF PROCESS H 00/04/15/10:45:00 | COMPLETION OF PROCESS C OVEREDGE 00/04/15/12:25:00 | | NORMAL COMPLETION OF PROCESS K 00/04/15/14:25:00 | NORMAL COMPLETION OF PROCESS C 00/04/13/15:30:00 | |
| SECOND PROCESS | NORMAL COMPLETION OF PROCESS L 00/04/15/08:22:00 | COMPLETION OF PROCESS H CUTTING ERROR SHORTAGE OF 0.05 mm 00/04/15/08:55:00 | COMPLETION OF PROCESS H | NOFMAL COMPLETION OF PROCESS B 00/04/15/09:10:00 | NORMAL COMPLETION OF PROCESS B 00/04/14/13:30:00 | |
| FIRST PROCESS | NORMAL COMPLETION OF PROCESS C 00/04/14/16:35:00 | NORMAL COMPLETION OF PROCESS B 00/04/14/15:20:00 | NORMAL COMPLETION OF PROCESS B 00/04/15/13:30:00 | | NORMAL COMPLETION OF PROCESS A 00/04/14/10:12:00 | |
| PRODUCT NUMBER | 1004 | 1002 | 1002 | 1003 | 1001 | 1005 |
| TELEPHONE PRODUCT NUMBER | 090 (1234) 1201 | 090 (1234) 1202 | 090 (1234) 1203 | 090 (1234) 1204 | 090 (1234) 1205 | 090 (1234) 1206 |
| Lot Number | 0004140001 | 0004140002 | 0004140003 | 0004140004 | 0004140005 | 0004140006 |

FIG. 4

| PRODUCTION NUMBER: 1001 | | | |
|-------------------------|-----------|-------------------------------------|--|
| PROCESS NUMBER | PROCESS | PROCESS CONDITION | |
| 1 | PROCESS A | CUTTING OF 15 SECONDS | |
| 2 | PROCESS B | OXIDIZED THIN FILM 0.10 μm | |
| 3 | PROCESS C | AMOUNT OF CUT 10.mm | |
| 4 | PROCESS D | PROGRAM NUMBER: W2933 | |
| 5 | PROCESS E | INSPECTION STANDARD 3 | |
| 6 | PROCESS F | PROGRAM NUMBER: W2934 | |
| 7 | PROCESS G | INITIAL COORDINATE X = 0, Y = 30300 | |
| 8 | PROCESS H | AMOUNT OF CUT 0.55 mm | |

FIG. 5

| PRODUCTION NUMBER: 1002 | | | |
|-------------------------|-----------|------------------------------------|--|
| PROCESS NUMBER | PROCESS | PROCESS CONDITION | |
| 1 | PROCESS B | OXIDIZED THIN FILM 0.15 μm | |
| 2 | PROCESS H | AMOUNT OF CUT 0.5 mm | |
| 3 | PROCESS C | AMOUNT OF CUT 3 mm | |
| 4 | PROCESS D | PROGRAM NUMBER: W2933 | |
| 5 | PROCESS K | AMOUNT OF CUT 1.25 mm | |
| 6 | PROCESS L | PROGRAM NUMBER: W305 | |
| 7 | PROCESS G | INITIAL COORDINATE X = 0, Y = 1300 | |
| 8 | PROCESS A | CUTTING OF 12 SECONDS | |
| 9 | PROCESS B | OXIDIZED THIN FILM 0.10 μm | |
| 10 | PROCESS J | IRRADIATION OF 100 SECONDS | |

FIG. 6

| PRODUCTION NUMBER: 1003 | | | |
|-------------------------|-----------|------------------------------------|--|
| PROCESS NUMBER | PROCESS | PROCESS CONDITION | |
| 1 | PROCESS A | CUTTING OF 10 SECONDS . | |
| 2 | PROCESS B | OXIDIZED THIN FILM 0.08 μm | |
| 3 | PROCESS K | AMOUNT OF CUT 1.25 mm | |
| 4 | PROCESS L | PROGRAM NUMBER: W3053 | |
| 5 | PROCESS E | INSPECTION STANDARD 4 | |
| 6 | PROCESS D | PROGRAM NUMBER: W2944 | |
| 7 | PROCESS G | INITIAL COORDINATE X = 0, Y = 1200 | |

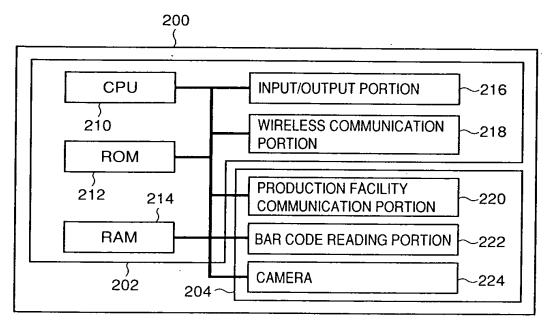
FIG. 7

| PRODUCTION NUMBER: 1004 | | | |
|-------------------------|-----------|-----------------------------------|--|
| | | | |
| PROCESS NUMBER | PROCESS | PROCESS CONDITION | |
| 1 | PROCESS C | AMOUNT OF CUT 2.5 mm | |
| 2 | PROCESS L | PROGRAM NUMBER: H1212 | |
| 3 | PROCESS H | AMOUNT OF CUT 0.5 mm | |
| 4 | PROCESS C | AMOUNT OF CUT 4.5 mm | |
| 5 | PROCESS B | OXIDIZED THIN FILM 0.10 μm | |
| 6 | PROCESS A | CUTTING OF 15 SECONDS | |
| 7 | PROCESS B | OXIDIZED THIN FILM 0.10 μm | |
| 8 | PROCESS G | INITIAL COORDINATE X = 10, Y = 10 | |
| 9 | PROCESS H | AMOUNT OF CUT 0.4 mm | |
| 10 | PROCESS E | INSPECTION STANDARD 2 | |

FIG. 8

| PRODUCTION NUMBER: 1005 | | | |
|-------------------------|-----------|-----------------------------------|--|
| PROCESS NUMBER | PROCESS | PROCESS CONDITION | |
| 1 | PROCESS K | AMOUNT OF CUT 3 mm | |
| 2 | PROCESS G | INITIAL COORDINATE X = 10, Y = 10 | |
| 3 | PROCESS J | IRRADIATION OF 100 SECONDS | |
| 4 | PROCESS B | OXIDIZED THIN FILM 0.12 μm | |
| 5 | PROCESS C | AMOUNT OF CUT 3 mm | |
| . 6 | PROCESS D | PROGRAM NUMBER: W304 | |
| 7 | PROCESS L | PROGRAM NUMBER: B1002 | |
| 8 | PROCESS C | AMOUNT OF CUT 3 mm | |

FIG. 9



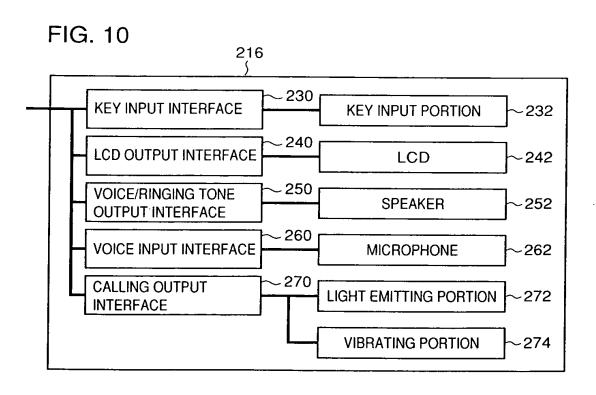


FIG. 11

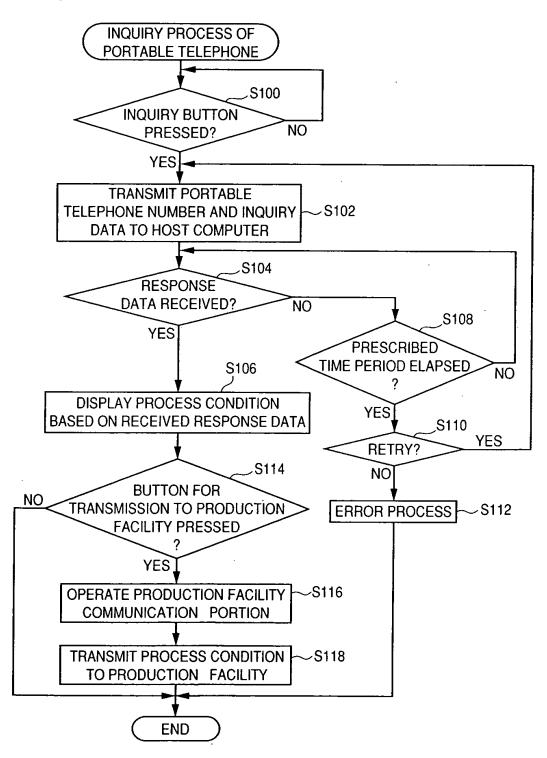
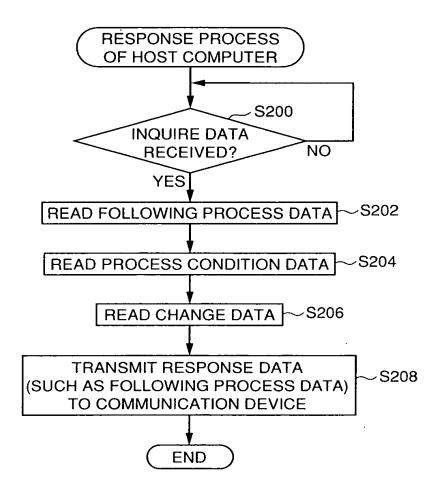


FIG. 12



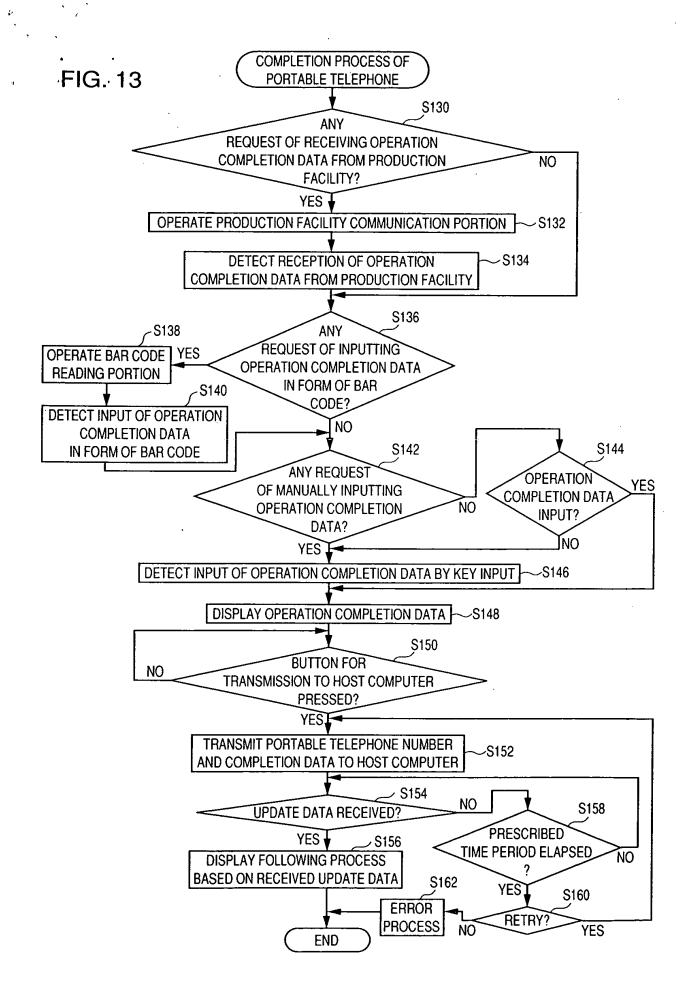


FIG. 14

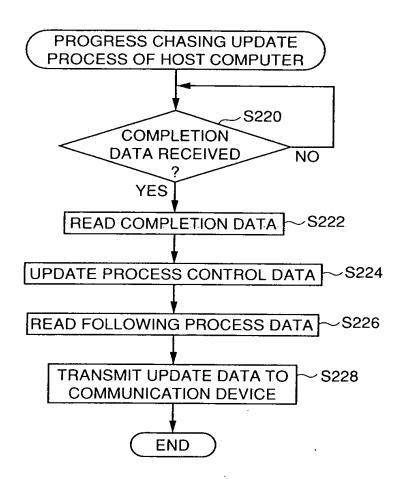
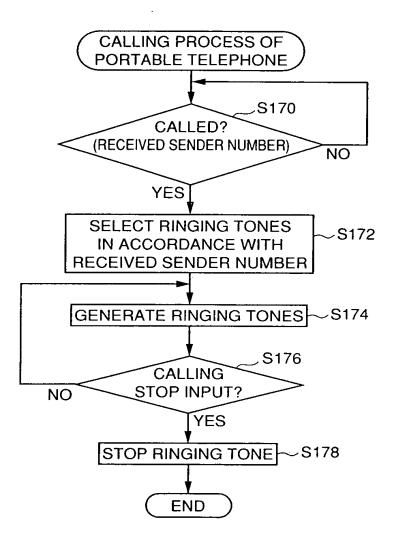
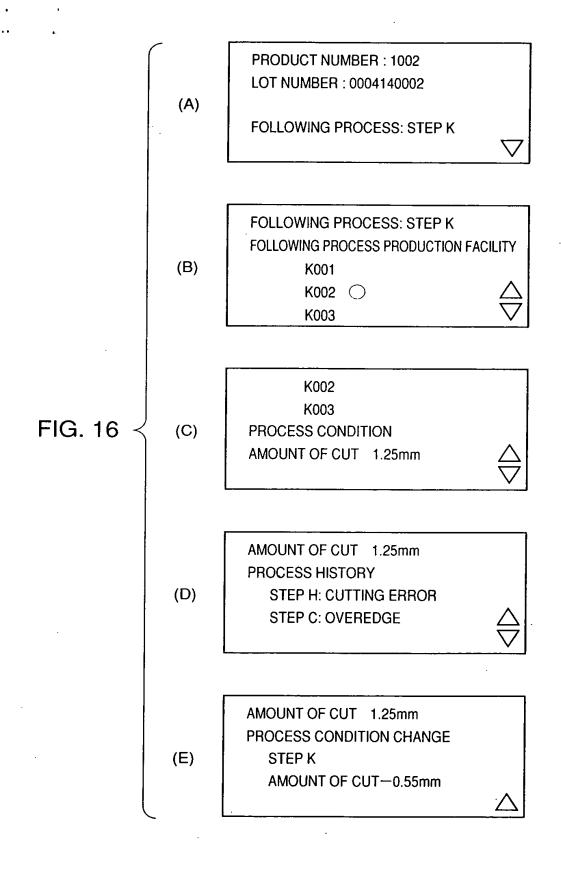


FIG. 15





PRODUCT NUMBER: 1002 LOT NUMBER: 0004140002 (A) PRODUCTION FACILITY: K002 INPUT COMPLETION DATA INPUT COMPLETION DATA 1) RECEIVE FROM PRODUCTION FACILITY (B) 2) INPUT BAR CODE 3) KEY INPUT **SELECT** 3 (C) **COMPLETION DATA RECEIVED** K002 NORMAL COMPLETION FIG. 17 **SELECT** 2 (D) **BCR INPUT** K002 NORMAL COMPLETION **SELECT** 3 (E) **KEY INPUT** NORMAL ... STEP K PRODUCTION FACILITY K002 (F) **NORMAL END** TO BE TRANSMITTED? (Y/N) □

DATA END FLAG CHANGE DATA FOLLOWING PROCESS DATA END FLAG PORTABLE TELEPHONE→HOST COMPUTER HOST COMPUTER→PORTABLE TELEPHONE PORTABLE TELEPHONE→HOST COMPUTER CONDITION DATA **OPERATION PROCESS** PROCESS DATA COMPLETION DATA DATA END FLAG FOLLOWING (AFTER COMPLETING OPERATION) (BEFORE STARTING OPERATION) (BEFORE STARTING OPERATION) INQUIRE DATA FLAG COMPLETION DATA FLAG RESPONSE DATA FLAG COMPLETION DATA RESPONSE DATA **INQUIRE DATA** € <u>ල</u> <u>@</u>

FIG. 18

UPDATE DATA HOST COMPUTER→PORTABLE TELEPHONE

(AFTER COMPLETING OPERATION)

| | DATA END FLAG | | |
|-----------|---------------|--|--|
| FOLLOWING | PROCESS DATA | | |
| UPDATE | DATA FLAG | | |

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